

Certificate of Analysis

MGM - Mango

Client: High Limit



Analysis Summary

	mg/serving
Mitragynine	20.919
7-OH Mitragynine	ND
Paynantheine	0.930
Speciogynine	0.496
Speciociliatine	0.118
Corynantheidine	ND
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Mitragynine pseudoindoxyl	0.08
MGM-15 (CAS No. 1158901-38-2)	21.33
Total Quantified Alkaloids	43.88

Sample Name:

MGM - Mango

Matrix:

Other

Serving Mass:

0.7787 g per serving

Sample ID:

85260519-4

Date Received:

5/19/26

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of quantitation (LOQ), not detected (ND), not tested (NT)

Certificate of Analysis

Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	0.016	0.049	2.6864	26.864	20.92
7-OH Mitragynine	0.019	0.058	ND	ND	ND
Paynantheine	0.022	0.066	0.1195	1.195	0.93
Speciogynine	0.019	0.056	0.0637	0.637	0.50
Speciociliatine	0.018	0.054	0.0152	0.152	0.12
Corynantheidine	0.024	0.073	ND	ND	ND
Mitraphylline	0.017	0.052	ND	ND	ND
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND	ND
Corynoxine B	0.022	0.066	ND	ND	ND
Ajmalicine	0.024	0.071	ND	ND	ND
Isomitraphylline	0.019	0.057	ND	ND	ND
Mitraciliatine	0.020	0.060	ND	ND	ND
Mitragynine pseudoindoxyl	0.033	0.098	0.011	0.11	0.08
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	2.740	27.40	21.33
Total Quantified Alkaloids			5.6350	56.350	43.88

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.